

10/720,553

SRNT

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	((("2013688") or ("3667886") or ("4084930") or ("5556471") or ("5650029") or ("4546723") or ("4708762") or ("5167756")).PN.	USPAT	OR	OFF	2007/01/26 13:39
L2	6374	((427/162) or (427/168) or (427/207.1) or (427/230) or (427/236) or (427/427.3) or (427/427.4)).CCLS.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/26 13:40
L3	4643	((118/300) or (118/313) or (118/315) or (118/316) or (118/323)).CCLS.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/26 13:40
L4	5179	((156/60) or (156/99) or (156/107) or (156/292) or (156/304.1)).CCLS.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/26 13:40

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## EAST Search History

L5	1610	((239/88-92) or (239/96)). CCLS.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/01/26 13:41
L6	240	(425/97).CCLS.	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/01/26 13:41
L7	26	(2 3 4 5 6) and (seal\$3 with glass with (extrude extruded extruding extrusion))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/26 14:19
L8	22	7 and (nozzle head)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/26 14:20
L9	0	8 and (recessed near3 (chamber portion))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/26 13:43

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## EAST Search History

L10	26	((2 3 4 5 6) (239/518[ccls] 239/521[ccls] 239/524[ccls] 239/550[ccls] 239/589[ccls] 239/601[ccls])) and (seal\$3 with glass with (extrude extruded extruding extrusion))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/26 14:20
L11	22	10 and (nozzle head)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/26 14:20
L12	0	11 not 8	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/01/26 14:20
S1	3	("6494245") or ("6554043") or ("6688874")).PN.	USPAT	OR	OFF	2007/01/26 12:49

WPF  
1/26/2007

10/720,593

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**Fletcher, William**

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**From:** Ganey, Steve J.  
**Sent:** Friday, January 26, 2007 2:10 PM  
**To:** Fletcher, William; Gartenberg, Ehud  
**Cc:** Shaver, Kevin  
**Subject:** RE: Search for 10/720,593

William,

I'd search in 239/518,521,524, 550,589,601.

Steve

-----Original Message-----

**From:** Fletcher, William  
**Sent:** Friday, January 26, 2007 1:37 PM  
**To:** Ganey, Steve J.; Gartenberg, Ehud  
**Subject:** Search for 10/720,593

I am examining a case which recites an extrusion nozzle having the following description:

"A method of employing an extrusion nozzle head for extruding sealant material from within a nozzle inlet channel to a recessed space at one end of an interior chamber of a nozzle outlet channel for extruding sealant material from a nozzle outlet opening to a U-shaped receiving channel of an insulated glass assembly...." The sealant material is extruded "from the nozzle inlet channel to the recessed space at one end of the interior chamber of the nozzle outlet channel to the nozzle outlet opening of the extrusion nozzle head by pressure applying means."

I am looking for a search/art related to the particular nozzle structure. The nozzle is illustrated as follows (the recessed portion is labeled 98):

<< OLE Object: Picture (Device Independent Bitmap) >>

Any suggestions?

Thanks!

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*William Fletcher*

**Primary Examiner**  
**PGPub**  
**Art Unit 1762**

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WPF  
1/26/2007